

*Mercurius Anglicanus;*

OR THE

*English Mercury.*

Being a Complete

**D I A R Y**

For the Year of our **L O R D**

**1693.**

The Third after **L E A P Y E A R.**

**C O N T A I N I N G**

**Monthly PREDICTIONS,** the Old

Roman or Pagan **KALENDAR** with the Ex-

planation: The **EQUATION** of Time, for

the Rectifying of **CLOCKS** or **WATERS**.

An exact **Tyde-Table**, giving an account of the

times of **HIGH WATER**, more Correct than any

other; with several Varieties of **Publick Use**.

The like not Extant.

By **GEORGE PARAKER,**

Student in *Physic* and *Astrology*.

**L O N D O N :**

Printed by **M. C.** for the Company of Stationers, 1693.



# To the R E A D E R

**M**<sup>R</sup> appearing in this small Volume without Planets Diurnal Motions, different to former method, may seem strange perhaps you; but consider, that no man is obliged to serve the Publick always: He must sometimes consult his Interest or Advantage; what it hath been to me time past it will be in vain here to mention: To several of my good Friends are sensible how ill I have been rewarded for all my Labours; and that it is usually such, you may the better judge, if you try and calculate the Planets Places but for one day; and then see what it is to perform the same for the whole year. However, for the kind reception I have met with from some worthy Persons, I shall not be wanting (if possible) to oblige the Sons of Art with my Labour whilst I continue in the Land of the Living.

For the Ephemeris, and Table of Houses being complete, did enbaunce the price of the former Book so that few Persons besides Artists would bestow 6d. on an Almanack, when one of half the price would supply their occasions. And the number of Students in the Science being few, did not take off an Impression; upon this consideration I have made this alteration so that the Almanack may be had alone, or the Ephemerides, or both together, as the buyer pleases.

He that is a lover of Art, will not think much being at some small matter of charge more than formerly, to be completely furnished; if he doth, let him refuse, and supply himself with trash, my Labour is

## TO the READER.

more value than his money; in the mean while I shall not be wanting to adorn my Ephemeris with such useful matter that it may be acceptable to the ingenious Tyro.

W<sup>h</sup>en take notice, that for this present year it is accommodated with a Catalogue of the Eclipses of Jupiters Satellites, which may be of good use to all our Mariners; with the Suns true Declination, from the Correct Observations of the most celebrated Mathematician in our Nation, to publish his Name matters not, I have not his license for so doing. To detain and acquaint you here what is within, is needless, a little time informs you without it; yet thus much I will say, it is not stuffed with impertinent Matter; as what Sign the Sun or Moon is in; which by it self is useless, and only serves to fill up paper; for, among the Publick, not one of a Thousand understands it. What I have inserted is of general Use to Persons of all degrees, especially the most eminent. This being performed, I shall take my leave till another year, and remain

Your humble Servant,

George Parker.

Blew Ball and Star near  
the Square in Salisbury-  
Court, near Fleetstreet,  
London, the xvii. of  
the Kalends of Dec-  
ember, M DC XCV.

# Vulgar Notes for the Year 1695.

The Golden Number	5
The Epact	23
Cycle of the Sun	24
Sunday Letter	F
Easter day	March 24
Whitsunday	May 12

A Table of the Terms and their Returns for the Year 1695.

*Hillary* Term begins *Jan.* 23. ends *Feb.* 12. and hath  
Four Returns.

<i>Octab.</i> <i>Hillar.</i> <i>Jan.</i> 21.	}}}	<i>Craft.</i> <i>Purificat.</i> <i>Feb.</i> 4.
<i>Quind.</i> <i>Hillar.</i> <i>Jan.</i> 28.		<i>Octab.</i> <i>Purificat.</i> <i>Feb.</i> 9.

*Easter* Term begins *April* 10. and ends *May* 6. and hath  
Five Returns.

<i>Quind.</i> <i>Pasch.</i> <i>April</i> 8.	}}}	<i>Quinq.</i> <i>Pasch.</i> <i>April</i> 29.
<i>Tref.</i> <i>Pasch.</i> <i>April</i> 15.		<i>Craft.</i> <i>Ascen.</i> <i>May</i> 3.
<i>Mens.</i> <i>Pasch.</i> <i>April</i> 22.		

*Trinity* Term begins *May* 24. and ends *June* 12. and hath  
Four Returns.

<i>Craft.</i> <i>Trin.</i> <i>May</i> 20.	}}}	<i>Quind.</i> <i>Trin.</i> <i>June</i> 3.
<i>Octab.</i> <i>Trin.</i> <i>May</i> 27.		<i>Tref.</i> <i>Trin.</i> <i>June</i> 10.

*Michaelmas* Term begins *Oct.* 23. and ends *Novemb.* 21.  
and hath six Returns.

<i>Tref.</i> <i>Mich.</i> <i>Octob.</i> 21.	}}}	<i>Craft.</i> <i>Martini.</i> <i>Novemb.</i> 12.
<i>Mens.</i> <i>Mich.</i> <i>Octob.</i> 28.		<i>Octab.</i> <i>Martini.</i> <i>Nov.</i> 19.
<i>Craft.</i> <i>Anim.</i> <i>Novemb.</i> 3.		<i>Quind.</i> <i>Martini.</i> <i>Nov.</i> 26.

The Exchequer opens Eight Days before any  
Term begins, except *Trinity*, before which, it opens  
Four Days only.



# A Correct Table of Simple Interest at Six per Cent.

	a Day			a Week			a Month			Three Month			6 Months			A Year.					
	d.	c.	s.	d.	c.	s.	d.	c.	s.	d.	c.	s.	d.	c.	s.	d.	c.	s.			
Shillings.	1	0	0	0	1	0	0	6	0	0	0	18	0	0	0	36	0	0	72		
	2	0	0	0	3	0	0	12	0	0	0	36	0	0	0	72	0	0	144		
	3	0	1	0	0	4	0	0	18	0	0	0	54	0	0	1	80	0	2	16	
	4	0	1	0	0	6	0	0	24	0	0	0	72	0	0	1	44	0	2	88	
	5	0	1	0	0	7	0	0	30	0	0	0	90	0	0	1	80	0	3	60	
	6	0	1	0	0	8	0	0	36	0	0	1	86	0	2	16	0	0	4	32	
	7	0	1	0	0	10	0	0	42	0	0	1	26	0	2	52	0	0	5	4	
	8	0	2	0	0	11	0	0	48	0	0	1	44	0	2	88	0	0	5	76	
	9	0	2	0	0	12	0	0	54	0	0	1	62	0	3	24	0	0	6	48	
	10	0	2	0	0	14	0	0	60	0	0	1	80	0	3	60	0	0	7	20	
Pounds.	1	0	4	0	0	28	0	1	20	0	0	3	60	0	0	7	20	0	1	2	40
	2	0	8	0	0	55	0	2	40	0	0	7	20	0	1	2	40	0	2	4	80
	3	0	12	0	0	83	0	3	60	0	0	10	80	0	1	9	60	0	3	7	20
	4	0	16	0	1	11	0	4	80	0	1	2	40	0	2	4	80	0	4	9	60
	5	0	20	0	1	38	0	6	0	0	1	6	00	0	3	0	0	0	6	0	0
	6	0	24	0	1	66	0	7	20	0	1	9	60	0	3	7	20	0	7	2	40
	7	0	28	0	1	93	0	8	40	0	2	1	20	0	4	2	40	0	8	4	80
	8	0	32	0	2	22	0	9	60	0	2	4	80	0	4	9	60	0	9	7	20
	9	0	36	0	2	49	0	10	80	0	2	8	40	0	5	4	80	0	10	9	60
	10	0	39	0	2	77	1	0	0	0	3	0	00	0	6	0	4	0	12	0	00
	20	0	79	0	5	54	2	0	0	0	6	0	0	12	0	0	1	4	0	0	0
	30	1	19	0	8	31	3	0	0	0	9	0	0	18	0	0	1	16	0	0	0
	40	1	58	0	11	84	0	0	0	0	12	0	0	1	4	0	0	2	8	0	0
	50	1	98	1	18	5	0	0	0	0	15	0	0	1	10	0	0	3	0	0	0
	60	2	37	1	4	62	6	0	0	0	18	0	0	1	16	0	0	3	12	0	0
	70	2	76	1	7	38	1	0	0	1	1	0	0	2	2	0	0	4	4	0	0
	80	3	16	1	10	15	8	0	0	1	4	0	0	2	8	0	0	4	16	0	0
	90	3	56	2	0	92	9	0	0	1	7	0	0	2	14	0	0	5	8	0	0
	100	3	96	2	3	96	10	0	0	1	10	0	0	3	0	0	0	6	0	0	0

This Table readily shews the Interest of any Sum of Money in Pounds, Shillings, Pence, and the hundredth part of a Penny, whereof 25 is the value of a Farthing, 50 of two Farthings, and 75 is equal to 3 Farthings. And the Year is divided into 12 equal parts for the Months, it being usual for Interest to be so accounted, and by the help of Addition may attain to know the Interest of any bigger Summ.

# A Brief Chronology of Memorable things for this Tear 1695.

<b>T</b>	<b>HE Creation of the World</b>	564
	<b>Noah's Flood</b>	398
	<b>The Destruction of Sodom and Gomorrha</b>	350
	<b>The Destruction of Troy</b>	287
	<b>The Building of London</b>	286
	<b>The Building of York</b>	268
	<b>The Building of Canterbury</b>	257
	<b>The Building of Rome</b>	247
	<b>England first received the Christian Faith</b>	151
	<b>The Tower of London built</b>	1170
	<b>Duke William conquered England</b>	629
	<b>Westminster-Hall was built</b>	1066
	<b>London Bridge was finished with Stone</b>	462
	<b>The Invention of Guns</b>	317
	<b>The Invention of Printing</b>	235
	<b>St. Paul's Steeple fired by Lightning</b>	1134
	<b>The Gun powder Treason, Nov 5.</b>	98
	<b>The Irish Massacre of near 300000 Souls</b>	1641
	<b>The E. of Strafford beheaded to please the People</b>	1641
	<b>Edge-hill Fight, Oct. 27.</b>	1645
	<b>Newberry Fight, Oct. 28.</b>	1646
	<b>The pious W. Laud, A. B. of Cant. beheaded</b>	1633
	<b>King Charles I. was murdered</b>	1649
	<b>That Tyrant Oliver Cromwel died</b>	1658
	<b>King Charles II. happily restored, 1660</b>	1660
	<b>The Great Plague in London</b>	1665
	<b>London Burnt</b>	1666
	<b>The wonderful Comet in Decem<sup>r</sup>. ber.</b>	1680
	<b>The Discovery of the Popish Plot</b>	1678
	<b>The Discovery of the Phanatick Plot</b>	1679
	<b>The last Great Frost</b>	1684
	<b>The Rebellion in the West</b>	1685
	<b>The seven Bishops sent to the Tower</b>	1688
	<b>The Prince of Orange landed, Nov. 5.</b>	1688

Since

# A Table of the **KINGS** and **QUEENS** of *England* since the Conquest.

Kings and Queens Names.	Born Anno	Began to reign.	Reigned Since their Reigns		Buried at
			Y.	M.	
William 1	1023	1066, Oct. 14	20	11	608, Septem. 9. Canter No.
William 2	1067	1087, Sep. 9	12	11	595, August 2 Winchester.
Henry 1	1068	1100, Aug. 1	35	4	560, Decem. 1 Reding.
Stephen	1105	1135, Dec. 2	18	11	541, Octob. 25. Feversham.

## The Saxon Line restored.

Henry	2	1132	1154, Oct. 25	4	9	106, July 6 Fountere.
Richard	1	1112	1189, July 9	9	196	196, April 6 Fountever.
John		1165	1199, April 6	17	7	179, Octob. 19 Worcester.
Henry	3	1207	1216, Oct. 9	56	1	423, Nov. 16 Westmin.
Edward	1	1239	1272, No. 16	34	8	388, July 7 Westmin.
Edward	2	1283	1307, July 7	19	7	369, Jan. 25 Gloucester.
Edward	3	1312	1327, Jan. 25	51	5	318, June 21 Westmin.
Richard	2	1366	1377, Jun. 21	22	3	156, Sept. 29 Westmin.

## The Line of Lancaster.

Henry	4	1367	1399, Sep. 29	13	6	182, Mar. 20 Canterb.
Henry	5	1386	1413, Mar. 20	9	5	173, Aug. 31 Westmin.
Henry	6	1421	1422, Aug. 31	138	6	135 Mar. 4 Windfor.

## The Line of York.

Edward	4	1442	1461, Mar. 4	2	1	212, April 9 Windmer.
Edward	5	1471	1483, Apr. 9	0	2	242, June 18 Not kno.
Richard	3	1448	1483, Jun. 22	2	2	210, Aug. 22 Leicester.

## The Families United.

Henry	7	1455	1485, Aug. 22	23	10	167, April 21 Westmin.
Henry	8	1491	1509, Apr. 22	37	10	148, Jan. 28 Windfor.
Edward	6	1537	1547, Jan. 28	6	5	142, July 6 Westmin.
Mary		1518	1553, July 6	5	4	137, Nov. 17 Westmin.
Elizab.		1533	1558, No. 17	44	4	93, March 24 Westmin.

## The Union of the two Kingdoms.

James	1	1566	1602, Ma. 24	22	0	76, March 27 Westmin.
Charles	1	1600	1625, Ma. 27	23	11	46, Janu. 30 Windfor.
Charles	2	1630	1648, Jan. 30	36	0	10, Februar. 6 Westmin.
James	2	1533	1684, Feb. 6	4	0	6, Febru. 13
William & Mary		1650	1689, Feb. 13			Whom God grant long to live.

As burning *Phœbus* doth bestow his Light  
 On wandering Stars and Meteors of the Night;  
 So Kings their beams to Subjects do dispenſe,  
 And rule their Kingdoms by their influence.  
 Yet tho a Crown be glorious to the Eye,  
 A Scene of Sorrow under it doth lie.

# January hath xxxi. days.

New Moon the 5 day, 18 min. past 3 in the morning.  
 First Quarter 12 day, 45 min. past 2 in the morning.  
 Full Moon 20 day 34 min. past 7 in the morning.  
 Last Quarter 27 day 14 min. past 10 at night.

M D	WD	Remark.	d.	☉ rises	☉ sets	D	rises	H.	M	H.	N
1	3	Circumcisi.	8	1	3	59	3M	58	10	10	41
2	4	Domin.	8	0	4	0	5	12	11	21	41
3	5	Cloudy air.	7	59	4	1	6	14	0	1	39
4	6	yet moderate	7	57	4	3	7	6	1	1	44
5	7	fair and	7	56	4	4	8	sets	2	13	39
6	F	Epiphany	7	55	4	5	6A	21	3	13	39
7	2	windy.	7	54	4	6	7	58	3	33	39
8	3	Frosty cold	7	52	4	8	9	14	4	11	33
9	4	air now at	7	51	4	9	10	30	4	45	33
10	5	band	7	50	4	10	11	4	5	23	33
11	6		7	48	4	12	12	56	6	6	33
12	7		7	47	4	13	0M	56	6	6	33
13	F	1st past Epiph.	7	45	4	15	2	57	5	2	33
14	2		7	43	4	17	3	8	8	54	33
15	3	Snow or cold	7	42	4	18	4	6	9	58	33
16	4	Rain near	7	40	4	20	5	0	11	2	33
17	5	this time.	7	38	4	22	5	41		0	33
18	6		7	36	4	24	6	15	0	34	33
19	7		7	35	4	25	6	44	1	24	33
20	F	Septuagesim	7	33	4	27	8	rises	2	7	33
21	2	Oct. Hil.	7	31	4	29	6A	19	2	44	33
22	3	Somewhat	7	30	4	30	7	27	3	15	33
23	4	Term begins	7	28	4	32	8	38	3	44	33
24	5	milder, yet	7	26	4	34	9	51	4	13	33
25	6	Conv. S. Paul	7	25	4	35	11	54		45	33
26	7	wet and	7	23	4	37	12	21	5	23	33
27	F	Sexagesima	7	21	4	39	0M	21	6	9	33
28	2	Quind. Hil.	7	20	4	40	1	36	7	6	33
29	3	slabby to the	7	18	4	42	2	48	8	17	33
30	4	K. C. I. murt.	7	16	4	44	3	53	9	37	33
31	5	end.	7	14	4	46	4	48	11	0	33

High Water at London Bridge in the morning.

# Januarius, 1695.

1 day is 7 hours 58 min. long  
 11 day is 8 hours 24 min. long  
 21 day is 8 hours 55 min. long

60 hours 24 min.  
 10 hours 50 min.  
 1 hour 24 min.

Dom.	Kalends,	Watch
Idus	Nones,	too fast.
and	Ides	" "
11	Kalendæ	8 53
212	iv no.	9 15
313	iii	9 37
414	prid. no.	9 59
515	Nonæ	10 20
616	viii id.	10 41
717	vii	11 0
818	vi	11 18
919	v	11 36
1020	iv	11 54
1121	iii	12 10
1222	prid. id.	12 26
1323	Idus	12 41
1424	xix cal.	12 55
1525	xviii	13 9
1626	xvii	13 21
1727	xvi	13 33
1828	xv	13 43
1929	xiv	13 53
2030	xiii	14 3
2131	xii	14 11
22	xi	14 18
23	x	14 25
24	ix	14 31
25	viii	14 36
26	vii	14 40
27	vi	14 43
28	v	14 46
29	iv	14 47
30	iii	14 48
31	prid. cal.	14 49

On King CHARLES I.

January 30. 1648.

Then was the fatal Season when  
 The best King fell by th' worst  
 of Men :

When Loyalty did degenerate,  
 And Saints became most reprobate:  
 When Treason past without a T,  
 And Theft was made no Robbery:  
 When Wrong was made the Rule  
 of Right,

And Justice bid the Land Goodnight,  
 Then was put out this Radiant Light.  
 But quickly He a Star became  
 And verif'd his Anagram;

CAROLUS REX.

Anagram

Cras ero Lux.

By an unknown Hand.

Fe.



# February hath xxviii. days.

New Moon 3 day at 2 in the afternoon.

First Quarter 10 day, 16 min. past 9 at night.

Full Moon 18 day, at a quarter past midnight.

Last Quarter the 26 day 47 min. past 6 in the morning.

M.D.	WD	Remark. days	☉ rise	☉ sets	☾ rises	H.	M.	H.	M.
1	6		7 12 4	48 5	M 30		0		20
2	7	Purificat. V.M.	7 10 4	50 6	3 0		54	1	11
3	F	Quinquages.	7 9 4	51	sets	1	48	2	13
4	2	Crasti Pur.	7 7 4	53 6	A 42	2	35	2	16
5	3	Shrove-Tu.	7 5 4	55 8	23		14	3	18
6	4	Dies Cinerum	7 3 4	57 9	19	3	47	4	0
7	5	windy and tur-	7 1 4	59 10	35	4	18	4	35
8	6	bulent.	6 59 5	1 11	46	4	53	5	13
9	7	Octab Purif.	6 57 5	3 12	53	5	33	5	57
10	F	1 Sund. in Lent	6 55 5	5 10	M 53	6	21	6	46
11	2	inclined to sno.	6 53 5	7 1	56	7	14	7	44
12	3	Term ends	6 51 5	9 2	52	8	16	8	49
13	4	Ember week	6 49 5	11 3	37	9	21	9	54
14	5	Valentine	6 47 5	13 4	9	10	26	10	57
15	6	7 rain	6 45 5	15 4	34	11	26	11	56
16			6 43 5	17 5	0		0		25
17	F	2 Sun. in Lent	6 41 5	19 5	21	0	51	1	13
18	2		6 39 5	21 5	44	1	36	1	56
19	3	frosty by fits	6 37 5	23	☾ rises	2	16	2	34
20	4		6 35 5	25 7	A 41	2	52	3	8
21	5		6 33 5	27 8	57	3	24	3	40
22	6	Sometiues	6 31 5	28 10	12	3	55	4	12
23	7	pleasant	6 30 5	30 11	25	4	29	4	48
24	F	St. Matthias	6 28 5	32 12	41	5	9	5	33
25	2		6 26 5	34 0	M 41	6	0	6	29
26	3		6 24 5	36 1	49	7	17	7	37
27	4	inclined to	6 22 5	38 2	44	8	15	8	54
28	5	moisturo.	6 20 5	40 3	31	9	34	10	12

High Water at London-Bridge in the morning.  
High Water at London-Bridge afternoon.

# Februarius, 1695.

1 day 9 hours 36 min. long } Incr. { 2 hours 2 min.  
 11 day 10 hours 14 min. long } { 2 hours 40 min.  
 21 day 10 hours 54 min. long } { 3 hours 20 min.

Rom. Ac. Watch  
 Kalends, too fast  
 Nones, "  
 and Ides "

1	Kalendæ.	14	42
2	non.	14	47
3	B. iii	14	43
4	prid. non.	14	42
5	Nones	14	35
6	Id	14	34
7	vii	14	29
8	vi	14	27
9	v	14	18
10	iv	14	11
11	iii	14	3
12	prid. Id.	13	54
13	Idus	13	45
14	kal.	13	36
15	xv	13	26
16	xiv	13	15
17	B. xiii	13	4
18	xii	12	53
19	xi	12	41
20	x	12	28
21	ix	12	15
22	viii	12	1
23	vii	11	47
24	vi	11	32
25	v	11	16
26	iv	11	1
27	iii	10	46
28	prid. kal	10	30

## OBSERVATIONS.

**T**HE World now seems in a hurry and much business there is depending, whereby the chiefest Statesman and most politick *Maximilian* finds matter enough to exercise and whet his wits upon: for there is no less than four Conjunctions among the 7 Erraticks; which in Starry Dialect shews many Embassies are designed from one Country to another; some about Leagues, Contracts, and others about settling Methods that are to be acted in the approaching Campaign. Among the rest there seems to be strong endeavours in hand for the uniting some Nations, and bringing them into a peaceable Condition.

Therefore let us that are in a lower sphere be ready with clean hearts and holy hands to attend the great God of the Universe, and humbly implore him, that the Designs and Endeavours of such Worthies may not prove abortive, but terminate in peace, ease and safety.

*Da pacem Domine in diebus nostris.*

# March hath xxxi days.

New Moon the 5 day 27 min. past 1 in Morning.

First Quarter 12 day at 5 Afternoon.

Full Moon 20 day, 46 min. past 2 Afternoon.

Last Quarter 27 day at 2 Afternoon.

MD	Remark.	d.	☉ rises	☉ sets	☽ rises	H	MH
1	6 David.	6	18	5 42	4 5	10	50
2	7 Cold Air &	6	16	5 44	4 36	11	59
3	F Mid-L. Sun.	6	14	5 46	5 1	0	30
4	2 inclined to	6	12	5 48	5 22	1	26
5	3 Moisture.	6	10	5 50	☽ sets	2	15
6	4 Sharp Air	6	8	5 52	8A	16	2
7	5 and Frosty if	6	6	5 54	9 29	3	28
8	6 not Snow,	6	4	5 55	10 41	4	0
9	7 no snow	6	2	5 58	11 48	4	34
10	F 5 Sun in Le.	6	0	6 0	12 48	5	13
11	2 1 2 3 4 5 6	5	58	6 2	0M	48	5
12	3 1 2 3 4 5 6	5	56	6 4	1 39	6	49
13	4 pleasant and	5	54	6 6	2 19	7	47
14	5 fair now.	5	52	6 8	2 51	8	49
15	6 1 2 3 4 5 6	5	50	6 10	3 19	9	50
16	7 1 2 3 4 5 6	5	48	6 12	3 41	10	50
17	F Palm Sund.	5	46	6 14	4 2	11	48
18	2 something	5	44	6 16	4 24	0	13
19	3 variable.	5	42	6 18	4 40	1	5
20	4 1 2 3 4 5 6	5	40	6 20	☽ rises	1	51
21	5	5	38	6 22	8A	4	2
22	6 Good Friday	5	36	6 24	9 22	3	10
23	7 a cloudy	5	34	6 26	10 37	3	46
24	F Easter day.	5	32	6 28	11 54	4	25
25	2 Lady day.	5	30	6 30	12 48	5	7
26	3 cold and	5	28	6 32	0M	48	6
27	4 moist Easter	5	26	6 34	1 36	7	5
28	5	5	25	6 35	2 14	8	17
29	6	5	23	6 37	2 44	9	27
30	7	5	21	6 39	3 10	10	34
31	F Low Sunday	5	19	6 41	3 31	11	38

# Martius, 1695.

1 day is 11 hours 24 min. long } 3 hours 30 min.  
 11 day is 12 hours 4 min. long } Incr. } 4 hours 30 min.  
 21 day is 12 hours 44 min. long } 5 hours 10 min.

Jul. Age.	Rom. Age.	Kalends, Nones, and Ides.	Watch too fast.
-----------	-----------	---------------------------	-----------------

1	11	Kalends.	10
2	12	vi no.	9
3	13	v	9
4	14	iv	9
5	15	iii	9
6	16	prid. non.	8
7	17	Nonæ	8
8	18	viii Id.	8
9	19	vii	7
10	20	vi	7
11	21	v	7
12	22	iv	6
13	23	iii	6
14	24	prid. Id.	6
15	25	Idus	6
16	26	xvii kal.	5
17	27	xvi	5
18	28	xv	5
19	29	xiv	4
20	30	xiii	4
21	31	xii	4
22	1	xi	3
23	2	x	3
24	3	ix	3
25	4	viii	2
26	5	vii	1
27	6	vi	2
28	7	v	2
29	8	iv	1
30	9	iii	1
31	10	prid. kal.	1

## OBSERVATIONS.

Notwithstanding what was related in the last month, yet 'tis to be feared the Animosity of some great Prince in Europe is such, that a Peace, I mean a General one, will not be made for the present: for before that month takes its leave of us we are saluted with an ☿♂♂. and, an ☿♂♂. and the next month initiates with an ☿♂♂. an ☿♂♂. and a ☿♂♂. Aspects of a high nature, as there might be sudden hopes, so as sudden alterations, high Disputes, violent Controversies magnag'd with great fierceness and strong Arguments; Leagues, Deeds, Evidencees, Wills and Testaments, Articles, and what can be devised by the sharpest Fancies, called in question, perused, interpreted, &c. Arms, Armies, Officers, Ammunition, all kind of warlike furniture preparing to serve those Nations engaged in War, and great are the expectations of the Generality on the success of these martial preparations.

# April hath xxx days.

New Moon the 3 day 20 min. past 1 Afternoon.

First Quarter the 11 day 20 min. past noon.

Full Moon the 19 day 51 min. past 1 in the Morning.

Last Quarter the 25 day 27 min. past 7 at Night.

MD	WD	Remark. days.	☉ rises	☉ sets	☾ rises	H	MH
1	2		5 17	5 43	3M 53	0	9
2	3	windy and	5 15	5 45	4 1	1	5
3	4	the rain	5 13	6 47	4 35	1	52
4	5	the clearing,	5 11	6 48	☾ sets.	2	36
5	6	wind as the	5 9	6 51	9A 37	3	14
6	7	Proverb is,	5 7	7 53	10 42	4	47
7	8	past Easter.	5 5	6 55	1 36	4	21
8	9	Quint. Pasc.	5 3	6 57	12 20	5	58
9	10	Eight April	5 1	6 59	0M 20	6	39
10	11	Term begins	5 0	7 0	0 57	6	28
11	12	R. Wh. & Q. Ma.	4 58	7 2	1 26	7	19
12	13	the crown'd.	4 56	7 4	1 5	8	13
13	14	weather.	4 54	7 6	2 16	9	10
14	15	past Easter.	4 52	7 8	2 3	0	0
15	16	Tres. Pasch.	4 50	7 10	2 53	1	8
16	17	old and	4 49	7 11	3 17	0	34
17	18	frosty	4 47	7 13	3 44	0	28
18	19	Mornings.	4 45	7 15	4 5	1	28
19	20	sharp Air	4 43	7 17	☾ rises.	2	17
20	21	wind moist	4 41	7 19	5A 10	3	1
21	22	past Easter.	4 40	7 20	10 46	3	4
22	23	Quint. Pasch.	4 38	7 22	11 40	4	22
23	24	St. George.	4 36	7 24	12 23	5	7
24	25	weather.	4 35	7 25	0M 23	6	8
25	26	St. Mark Evan.	4 33	7 27	0 55	6	57
26	27	windy and	4 32	7 28	1 20	7	59
27	28	cool Air.	4 30	7 30	1 45	9	5
28	29	past Easter.	4 29	7 31	2 6	0	8
29	30	Quint. Pasc.	4 27	7 33	2 24	1	8
30		Q. Mary born	4 25	7 35	2 44		



Aprilis, 1685.

1 day 13 hours 26 min. long } 5 hours 52 min.  
 11 day 14 hours 4 min. long } Incr. } 6 hours 30 min.  
 21 day 14 hours 40 min. long } } 7 hours 6 min.

Jul. day	Rom. Age	Kalends, Nones, and Ides.	Watch too fast.
1	11	Kalenda.	0 53
2	12	iv no.	0 36
3	13	iii	0 20
4	14	prid. non.	0 4
5	15	Nona.	0 11
6	16	vii Id.	0 26
7	17	viii	0 41
8	18	vi	0 55
9	19	v	1 9
10	20	iv	1 22
11	21	iii	1 35
12	22	prid. Id.	1 48
13	23	Idus.	2 0
14	24	xviii kal.	2 11
15	25	xvii	2 22
16	26	xvi	2 33
17	27	xv	2 43
18	28	xiv	2 52
19	29	xiii	3 1
20	30	xii	3 10
21	31	xi	3 18
22	2	x	3 26
23	3	ix	3 33
24	4	viii	3 40
25	5	vii	3 46
26	6	vi	3 51
27	7	v	3 55
28	8	iv	3 59
29	9	iii	4 3
30	10	prid. kal.	4 6

## OBSERVATIONS.

**M**ARS hath now entred *Aries* his own house, and the Soldier begins to display his Trophies in the field and marches to meet his Opposer; so that we may quickly expect to hear of some enterprise performed eastward, for *Aries* is an easterly Sign, and in those Countries there seems to approach some Conflict or Battle, with the destruction of many stout Souldiers: or if a City or Town be besieged, here's probability of much Bloodshed ere the surrender thereof——if his Majesty of *England* be engaged or concerned therein I doubt not of Success; and if I am questioned by any for this Assertion, I'll readily answer, Mars in *Aries*, *England's* Patron, and there in trine to *Jupiter* in *Leo* is reason sufficient in an Astrologick Sence to expect the same.

# May hath xxxi days.

New Moon 3 day 49 min. past 2 in the morning.  
 First Quarter 11 day 42 min. past 5 in the morning.  
 Full Moon 18 day 57 min. past 10 in the morning.  
 Last Quarter 25 day 42 min. past 1 in the morning.

MD	WD	Remark. days.	☉ rise	☉ sets	☾ rises	H	MH
1	4	Philip & Jacob.	4	23 7	37	3 M 9	0 90
2	5	Ascension day.	4	21 7	39	3 35	1 29
3	6	Craft. Ascend.	4	20 7	40	☾ sets	2 16
4	7		4	19 7	41	9 A 31	2 57
5	8	6 past Easter	4	17 7	43	10 22	3 32
6	2	Term ends.	4	16 7	44	11 0	4 5
7	3	A curious	4	15 7	45	11 31	4 39
8	4	serene and	4	13 7	47	11 57	5 14
9	5	pleasant season.	4	11 7	48	12 20	5 55
10	6		4	10 7	50	0 M 20	6 40
11	7		4	8 7	52	0 36	7 28
12	8	Whit Sunday.	4	7 7	53	0 56	8 21
13	9	Whit Monday.	4	5 7	55	1 12	9 19
14	3	Whit Tuesday.	4	4 7	56	1 34	10 18
15	4	Ember Week.	4	3 7	57	1 58	11 23
16	5		4	2 7	58	2 25	0 28
17	6		4	1 7	59	2 58	0 58
18	7		4	0 7	0	☾ rises	1 57
19	8	Trinity Sund.	3	59 8	1	9 A 29	2 49
20	2	Craft. Trin.	3	58 8	2	10 19	3 33
21	3	fine breezes	3	57 8	3	10 57	4 13
22	4	and pleasant	3	56 8	4	11 25	4 55
23	5	Showers.	3	55 8	5	11 50	5 42
24	6	Term begins	3	54 8	6	12 11	6 32
25	7	some hally.	3	53 8	7	0 M 11	7 26
26	8	1 past Trin.	3	52 8	8	0 29	8 26
27	2	2 past Trin.	3	52 8	8	0 49	9 25
28	3	hail Storms	3	51 8	9	1 11	10 28
29	4	K.C.H. & rest	3	51 8	9	1 35	11 32
30	5	before the end.	3	51 8	9	2 4	0 3
31	6		3	50 8	10	2 40	1 0

day 15 hours 12 min. long of yab 57 hours 38 min.  
 day 15 hours 44 min. long of Incl. 58 hours 16 min.  
 day 16 hours 6 min. long of yab 58 hours 32 min.

Calends.	Watch	
Nones.	to follow	
and Ides.	"	
Calendæ.	4 A 9	
vi. no.	4 10	
v.	4 12	
iv.	4 13	
iii.	4 12	
prid. non.	4 12	
nonæ.	4 11	
Id.	4 9	
viii.	4 8	
vii.	4 7	
vi.	4 6	
v.	4 5	
iv.	4 4	
iii.	4 3	
prid. Id.	3 48	
Idus.	3 43	
xvii. kal.	3 37	
xvi.	3 31	
xv.	3 24	
xiv.	3 17	
xiii.	3 9	
xii.	3 0	
xi.	2 52	
x.	2 43	
ix.	2 34	
viii.	2 24	
vii.	2 14	
vi.	2 4	
v.	1 53	
iv.	1 42	
iii.	1 31	
prid. kal.	1 19	

# OBSERVATIONS.

THE pleasant month of May  
 the Flower of the Year is u-  
 shered in with a Sextile of ♄ & ♀  
 and as the Season it self is delightful  
 so also is this benevolent Aspect;  
 and hath signification of happy im-  
 port to our superiours. The Grum-  
 bling Tribe that aspire at Dominion  
 are now at quiet and sit in silence;  
 Oh that we might for ever be blest  
 with this sweet and inestimable Jewel.  
 But 'tis to be feared that it is but  
 transient; for Mercury is very swift  
 in motion, and accosts ♀ with a  
 square Aspect; from which Position  
 many malicious Scandals, and lying  
 Pamphlets are agitated and privately  
 dispers'd against some worthy Divines  
 to the shame of the Authors, as well  
 as true Religion. May the ever ve-  
 nerable Clergy shine like ♋ in Leo,  
 and the little villanous and backbi-  
 biting Crew sneak like ♉ in  
 Taurus, into holes and Corners of  
 the Earth.

# June hath xxx. days.

New moon the 1 day 10 min. past 4 in the afternoon.  
 First Quarter the 9 day, 23 min. past 8 at night.  
 Full moon the 16 day, 20 min. past 6 afternoon.  
 Last Quarter the 23 day, 43 min. past 9 morning.

MDI	WADI	Remark. days.	☉ rise	☉ sets	☾ set	H.	M.	H.
1		7 pleasant air.	3 508	10	A	1	31	2
2		F 2 after Trinity	3 508	109		2	36	2
3		2 Wind. Crin	3 498	1110		3	13	3
4		3 inclined to	3 498	1110		3	45	4
5		4 Thunder and	3 488	1210		4	15	4
6		5 Lightning	3 488	1211		4	46	5
7		6	3 488	1211		5	19	5
8		7	3 478	1311		5	56	6
9		8 after Trinity	3 478	1312		6	37	7
10		2 Ref. Crin	3 478	130	M	7	27	7
11		3 St. Barnabas	3 478	130		8	23	8
12		4 Tempests	3 478	130		9	29	10
13		5 a remission of	3 478	131		10	41	11
14		6 heat: cool air	3 488	122		11	56	12
15		7	3 488	123		12	33	13
16		F 4 after Trinity	3 488	12	☾ rises	1	38	14
17		2 about this time	3 498	118	A	45	2	15
18		3	3 498	119		3	19	16
19		4	3 498	119		3	58	17
20		5	3 508	1010		4	35	18
21		6	3 508	1010		5	14	19
22		7 hasty rains	3 518	910		5	58	20
23		F 5 after Trinity	3 518	911		6	48	21
24		2 St. John Bapt	3 518	911		7	45	22
25		3 inclined again	3 528	812		8	44	23
26		4 no Thunder, if	3 528	80	M	39	48	24
27		5 no hail storms	3 538	70		10	55	25
28		6	3 548	61		11	59	26
29		7 S. Peter & Pau	3 558	52		13	29	27
30		F 6 after Trinity	3 568	43		1	24	28

High Water at London Bridge in the morning.

# Junius, 1695.

1 day is 16 hours 20 min. long. } Increased 8 h. 46 min.  
 11 day is 16 hours 26 min. long. } Increased 8 h. 52 min.  
 21 day is 16 hours 20 min. long. } Decreased 8 h. 6 min.

Rom. No.	Kalends	Watch
1	Nones, and Ides.	too flo.
2	Kalendæ	8
3	vi no.	56
4	iii	43
5	prid. no.	31
6	Nones	19
7	viii id	6
8	vii	0
9	vi	20
10	v	33
11	iiii	46
12	prid. id	58
13	Idus	11
14	xviii kal.	24
15	xvii	37
16	xvi	50
17	xv	2
18	xiv	14
19	xiii	26
20	xii	38
21	xi	50
22	x	2
23	ix	13
24	viii	25
25	vii	36
26	vi	46
27	v	58
28	iv	7
29	iii	16
30	B prid. kal.	28
		33

## OBSERVATIONS.

THE little Foot-post ♄ is still very swift in motion, and moves almost two signs in this month; and Mars enters the sign II: this may give or ferment Troubles to a great City in Europe: I could tell from what hands it may probable happen from, — but truth is not always to be spoken, sometimes it will not be born with.

However, I wish we meet not with the effects of a midsummer moon; for the opposition of the Sun and Saturn seems to import some turbulent action, even to the affronting of Authority itself. And many, through their morose dogged temper and humour, vent indecent speeches and uncivil behaviour towards their superiors.

Pray God bless London, from all casual Fires, and her Inhabitants with health and prosperity both in this and the succeeding months, and preserve her Sons from the jaws of the devourer.



# July hath xxxii days.

New Moon the 1 day, 42 min. past 7 in the morning.

First Quarter 9 day, 15 min. past 8 in the morning.

Full Moon 16 day 14 min. past 1 in the morning.

Last Quarter 22 day 42 min. past 8 at night.

New Moon the 30 day, 14 min. past 11 at night.

MD	WD	Remark. days	Orises	sets	sets	H.	M.	H.	M.
1	2	Inclined to be	3	57	8	3	A	2	10
2	3	met at the be-	3	5	8	2	8	22	2
3	4	ginning.	3	59	8	1	8	43	3
4	5		4	0	8	0	8	13	4
5	6		4	1	7	59	9	20	4
6	7		4	3	7	57	9	36	4
7	8	2 after Trinity	4	4	7	56	9	53	5
8	9		4	5	7	55	10	15	5
9	10	pleasant air	4	6	7	54	10	42	6
10	11	near this time	4	7	7	53	11	14	7
11	12		4	8	7	52	11	56	8
12	13		4	9	7	51	12	49	10
13	14		4	10	7	50	0	49	11
14	15	8 after Trinity	4	12	7	48	1	58	0
15	16		4	13	7	47	3	18	1
16	17	heat abates	4	15	7	45	5	15	2
17	18	now	4	16	7	44	8	10	3
18	19	probably winds	4	18	7	42	8	33	3
19	20	bringing	4	19	7	41	8	53	4
20	21	rain	4	21	7	39	9	14	4
21	22	9 after Trinity	4	23	7	37	9	37	5
22	23		4	24	7	36	10	46	6
23	24		4	26	7	34	10	36	7
24	25		4	27	7	33	11	15	8
25	26	St. James	4	29	7	31	12	19	15
26	27	uncertain air	4	30	7	30	0	10	22
27	28	and inclined	4	32	7	28	0	53	11
28	29	10 after Tr.	4	33	7	27	1	51	0
29	30	to rain the	4	35	7	25	2	54	0
30	31	later part of	4	36	7	24	3	59	1
31	4	the month	4	38	7	22		2	20

High Water at London-Bridge in the morning.

High Water at London-Bridge at night.

1 day is 16 Hours 36 min. long. 2 day is 16 Hours 36 min.  
 11 day is 15 hours 42 min. long. 12 day is 15 hours 42 min.  
 21 day is 15 hours 18 min. long. 22 day is 15 hours 18 min.

Rom. Kalends, Watch  
 Nones, too fast.  
 and Ides.

11	Kalends.	4	411	OBSERVATIONS.
12	vi no	4	49	
13	v	4	37	W
14	iv	3	84	
15	iii	3	90	H
16	ii	3	96	
17	id	3	22	H
18	viii	3	27	
19	vii	3	31	H
20	vi	3	35	
21	v	3	38	H
22	iv	3	41	
23	iii	3	43	H
24	ii	3	45	
25	id	3	46	H
26	xvii	3	46	
27	xvi	3	45	H
28	xv	3	44	
29	xiv	3	43	H
30	xiii	3	41	
31	xii	3	39	H
32	xi	3	36	
33	x	3	32	H
34	ix	3	28	
35	viii	3	23	H
36	vii	3	17	
37	vi	3	11	H
38	v	3	5	
39	iv	3	3	H
40	iii	3	3	
41	ii	3	4	H
42	id	3	4	
43	xvii	3	41	H
44	xvi	3	41	

# August hath xxxi. days.

First Quarter 7 day 48 min. past 1 in the afternoon

Full Moon 14 day 30 min. past 8 in the morning

Last Quarter 21 day 32 min. past 10 in the morning

New Moon 29 day 40 min. past 2 in the afternoon.

MD	Remark. days.	☉ rise	☉ sets	☾ sets	H	MH
1	5 uncertain still	4 39 7	21 7	A 25	2 54	3
2	6 and often	4 40 7	20 7	44	3 24	3
3	7 Showry	4 42 7	18 8	1	3 51	4
4	8 11 after Trin.	4 44 7	16 8	21	4 21	4
5	9 2	4 46 7	14 8	46	4 54	5
6	10 somewhat	4 43 7	12 9	15	5 33	5
7	11 pleasant.	4 49 7	11 9	52	6 23	6
8	12 New winds	4 51 7	9 10	38	7 23	7
9	13 stirring	4 53 7	7 11	40	8 30	8
10	14 7	4 55 7	5 12	50	9 58	9
11	15 12 after Trin.	4 57 7	3 10	M 50	11 19	11
12	16 2 attended with	4 58 7	2 2	8		12
13	17 3 Thunder claps.	5 0 7	1 2	33	1 5	13
14	18 4 cloudy obscure	5 2 6	1 4	57	2 1	14
15	19 5 weather.	5 4 6	1 5	8	2 46	15
16	20 6	5 6 6	54 7	A 11	3 23	16
17	21 7	5 8 6	52 7	46	3 56	17
18	22 8 12 after Trin.	5 10 6	50 8	12	4 30	18
19	23 2 and often in	5 12 6	48 8	42	5 8	19
20	24 3 inclined to rain	5 14 6	46 9	21	5 55	20
21	25 4	5 16 6	44 10	4	6 49	21
22	26 5	5 18 6	42 10	55	7 49	22
23	27 6 fair & cold	5 20 6	40 11	53	8 52	23
24	28 7 St. Bartholom.	5 22 6	38 12	52	9 56	24
25	29 8 14 after Trin.	5 24 6	36 10	M 52	10 59	25
26	30 2 and hope it	5 26 6	34 1	57	11 58	26
27	31 3 may hold to the	5 28 6	32 2	2	12 25	27
28	32 4 end	5 30 6	30 4	8	1 12	28
29	33 5	5 32 6	28 5	sets	1 54	29
30	34 6	5 34 6	26 6	A 17	2 38	30
31	35 7	5 36 6	24 8	37	3 4	31

1 day is 14 h. 42 min. long } 1 hour 44 min.  
 1 day is 14 h. 6 min. long } Decreased } 2 hour 16 min.  
 1 day is 13 h. 28 min. long } 2 hour 58 min.

Kalends,  
 Nones,  
 and Ides.

Watch  
 too fast.

## OBSERVATIONS.

HO the summer be far spent yet  
 here's time sufficient for a great

32 deal of mischief to be perpetrated and  
 23 acted, before the Sun makes an equal  
 13 ballance of day and night, very remar-  
 2 kable are the positions of the Planets  
 51 in this month, as also the aspects  
 40 whereby they mutually behold each o-  
 27 ther. ♀ hath been R. for a long time  
 14 and also separates from the presence of  
 12. Some lofty and sharp wits have  
 48 been non plus'd of late in their designs  
 34 & projections; but most remarkable is  
 20 the opposit. of ♄ & ♀ in cardin. signs:  
 5 and ♀ also in a card. sign beholding  
 50 ♄ both with a quadrat aspect; from  
 34 these positions many superlative Accu-  
 17 ons, Accusations, Informations, Im-  
 0 peachments against many in Authority  
 43 y; it will be well if some eminent  
 26 Person, or other Persons of the Fe-  
 9 male Sex is not concerned, or her or  
 9 their Honor or Reputation be not  
 27 call'd in question, by the means or  
 46 industry of some villanous or perfid-  
 5 ous Person, who delights himself in  
 24 Rapes, Murders, Bloodshed, & all man-  
 4 ner of Villany. What art thou? oh  
 3 crafty but smooth-tongu'd Enemy?  
 23 whether Countier or other Person, that takes  
 42 pleasure to obstruct the peace and happiness of  
 3 thy fellow Mortals, surely time will not be so  
 23 much a traitor, but will one day discover and  
 lay open thy horrid Perjuries and Designs.

Kalenda

iv no.

iii

prid. no.

Non

vi id

vii

vi

v

iv

iii

prid. id.

Idus

kal.

viii

vii

vi

v

iv

iii

prid.

Idus

kal.

viii

vii

vi

v

iv

iii

prid. kal.

# September hath xxx. days.

First Quarter the 6 day 33. min. past 1<sup>st</sup> in morn.

Full moon the 12 day 48 min. past 5 Afternoon.

Last Quarter the 20 day 55 min. past 3 in the morn.

New Moon the 28 day 21 min. past 5 in the morning.

Day	Remainder of the day	Of the	Yets	H	M
1	15 past Trinity	38 6	12 7 A	1	37 3
2	1 London	39 6	28 7	28	4 8
3	19	42 6	28 8	3	4 43
4	1 pleasant	51 4	16 8	46	5 24
5	1 dubious	46 6	14 9	40	6 17
6	1 whereby	47 6	13 10	47	7 21
7	2 West Farmer	54 6	11 12	1	8 34
8	16 past Trinity	55 6	9 10 M	1	9 53
9	1 March good	58 6	7 12	23	11 8
10	1 June	58 6	5 12	4	0
11	1 Summer Corn	57 6	3 14	9	0 45
12	1	59 6	1 5	31	1 39
13	1	61 6	59 1	2	2 28
14	2 Exalt. Crucis	63 6	57 6 A	20	3 7
15	17 past Trinity	65 6	55 6	50	3 42
16	1	67 6	53 7	2	4 17
17	3	69 6	51 8	7	4 55
18	4 Ember Week	71 6	49 8	59	5 38
19	5	73 6	47 9	54	6 30
20	6	75 6	45 10	55	7 23
21	7 St. Matthew.	77 6	43 11	56	8 23
22	18 past Trinity	79 6	41 13	3	9 24
23	1 the minds	81 6	39 1 M	3	10 25
24	3 evening and	83 6	37 2	8	11 20
25	4 silent before	85 6	35 3	15	0
26	5 the month goes	87 6	34 4	23	0 39
27	6 out.	89 6	32 5	34	1 26
28	7	91 6	30 6	41	2 10
29	8 St. Michael.	93 6	28 7	5	2 49
30	9	95 6	26 8	14	3 25

High Water at London in the Morning.



September, 1695

1 day 12 hours 44 min. long } 3 hours 42 min.  
 11 day 12 hours 6 min. long } decr. } 4 hours 29 min.  
 1 day 11 hours 26 min. long } 3 ysk } 4 hours 0 min.

Kalends, Nones, and Ides.	Watch to flow	OBSERVATIONS
Kalends	3 43	Great Wheel move slowly, and
iv no.	4 4	fully represent the great Ma-
vi	4 24	chine or celestial Clockwork, the
viid no.	4 145	motion of the Superiours being slow
Nones	5 5	they make the greater impression
viii Id.	5 26	or more eminently imprint their sal-
ix	5 46	vage natures on the minds and man-
x	6 7	ners of men; it raiseth the bilious hu-
xi	6 28	mour, and occasions fits, animos-
xii	6 48	ities and contentions, many revenge-
xiii	7 9	ful actions; &c. Some assign unto
xiiii Id.	7 29	Capricorn the West Indies, if so, An-
xv Idus	7 49	xiety, Sorrow and Trouble with ma-
xvi kal.	8 9	ny toiles attend those places; but Sa-
xvii	8 29	turn is the most active and Mars is
xviii	8 48	passive in this Opposition; therefore
xix	9 8	those places under the influence of
xx	9 28	the sign Cancer will the more emi-
xxi	9 47	nently smart or feel its due effects
xxii	10 7	some rupture or Commotion in the
xxiii	10 25	Grand Signior's territories, perhaps
xxiv	10 43	Constantinople it self may be sensible
xxv	11 1	of its influence; again others suffer
xxvi	11 19	by inundation, &c. Let Holland be
xxvii	11 37	wary to preserve her Banks, lest she
xxviii	11 54	partake of the danger threatned.
xxix	12 10	A great person near this time fore-
xxx	12 26	ly afflicted with a tedious or tortu-
xxxi	12 41	ring distemper of the body. Gouts
xxxiid kal.	12 57	Phthisick, Coughs, &c. more than
		ordinary afflict many elderly persons

# October hath xxv days.

First Quarter 5 day 42 min. past 8 in the Morn.

Full Moon 12 day, 4 min. past 1 in the Morn.

Last Quarter 19 day near Midnight.

New Moon the 27 day 8 min. past 7 at Night.

WD	WD	Remark, days	Orises	Q sets	sets	H	MH
1	3		6 36 5	24	6A 55	3	59
2	4	A pleasant Air	6 38 5	22	7 36	4	38
3	5	the former part	6 40 5	20	8 49	5	22
4	6	of the Month.	6 42 5	18	10 1	6	19
5	7		6 44 5	16	11 14	7	22
6	8	10 past Trinity	6 46 5	14	12 36	8	30
7	9		6 48 5	12	10 M 36	9	42
8	10	sometime sharp	6 50 5	10	1 53	10	52
9	11	frosty Morning	6 52 5	8	3 16	11	58
10	12	and cold Winds	6 54 5	6	4 35	0	26
11	13		6 56 5	4	5 54	1	21
12	14		6 58 5	2	7 13	2	11
13	15	11 past Trinity	7 00 5	0	5 A 31	2	53
14	16	St. J. II. nat.	7 02 5	59	6 10	3	30
15	17		7 04 5	57	6 57	4	4
16	18	warmer and	7 06 5	55	7 49	4	40
17	19	more pleasant.	7 08 5	53	8 51	5	19
18	20	St. Luke Evang.	7 10 5	51	9 54	6	5
19	21		7 12 5	50	10 57	6	55
20	22	11 past Trinity.	7 14 5	48	12 2	7	47
21	23	St. Cres. Wich.	7 16 5	46	0 M 2	8	41
22	24		7 18 5	44	1 7	9	36
23	25	St. John begins	7 20 5	42	2 13	10	34
24	26	then cold rains	7 22 5	40	3 22	11	30
25	27	Crispin.	7 24 5	38	4 28		0
26	28	7 to be expected.	7 26 5	36	5 45	0	53
27	29	13 past Trinity	7 28 5	35	6 58	1	43
28	30	St. Sim. & Jude.	7 30 5	33	8 11	2	30
29	31	before the end.	7 32 5	31	9 44	3	13
30			7 34 5	30	6 43	3	52
31			7 36 5	28	7 55	4	37

# October, 1695

1 day is 10 h. 48 m. long. 11 day is 10 h. 8 m. long. 21 day is 9 h. 32 m. long.	} Decreased }	5 h. 28 min. 6 h. 18 min. 6 h. 34 min.
--	---------------	--

Kalenda	Watch	
Nones	too flo.	
andides.	"	

15 Kalenda	13	31
2 no.	13	25
13 8 8	13	39
14 iv	13	13
15 iii	14	5
16 prid. no.	14	17
17 Nones	14	28
18 viii	14	39
19 vii	14	49
20 vi	14	59
21 v	15	9
22 iv	15	18
23 iii	15	25
24 prid. id.	15	31
25 Idus	15	37
26 xvi kal.	15	43
27 xvi	15	48
28 xv	15	52
29 xiv	15	55
30 xiii	15	57
31 xii	15	59
1 x	16	0
2 ix	16	1
3 viii	16	0
4 vii	16	58
5 vi	15	56
6 v	15	53
7 iv	15	45
8 iii	15	44
9 ii	15	38
10 prid. kal.	15	32

## OBSERVATIONS

**T**HE summer bath play'd its part,  
 and the Campaign intended;  
 Armies are going into winter Quar-  
 ters: The Confederates have acted  
 with much valour and Conduct;  
 and now there begins to be much talk  
 of Peace and Tranquility, so long  
 expected and much desired; but  
 several Controversies and Debates are  
 near a happy conclusion; others  
 strongly aggravated, &c.  
 Mercury is in Scorpio and in square  
 to Mars; much fraud and dissimu-  
 lation is regnant; several wick-  
 ed things are commonly acted upon  
 such positions; the antient Astro-  
 logers have always set a mark on  
 the sign Scorpio, false Evidences,  
 Deeds, Writings, &c. Clippers,  
 Counterfeiters of Money, and Pro-  
 jectors of other malignant Devices  
 and Villanies are now more than  
 ordinary rampant. But the Pro-  
 jectors are discovered and punished  
 according to their demerits, which  
 they justly deserve.  
 A weeping season towards the end

# November hath xxx. days.

First Quarter day, at 4 in the afternoon.  
 Full moon 16 day at 12 min. past 7 at night.  
 Last Quarter the 18 day at 9 at night.  
 New Moon 26 day, 46 min. past 7 in the morning.

W	Remark. days	rise	sets	H.	M.H.
1	All Saints	7 34 4	26 9 5	11 5	17 5
2	St. Andrew	7 35 4	25 16	33 6	8 6
3	24 after Trin.	7 37 4	23 11	47 7	5 7
4	St. Will. bon.	7 38 4	21 13	58	8 8
5	Powder Plot	7 40 4	20 1	59	13 9
6	St. Martin	7 42 4	18 2	13 10	18 10
7	St. Nicholas	7 43 4	17 3	43 11	23 11
8	St. Thomas	7 44 4	16 4	55	28 12
9	St. Edward	7 46 4	14 6	10 0	35 13
10	St. Vincent	7 47 4	13 7	11	47 14
11	St. John	7 48 4	12 8	44 2	31 15
12	St. Peter	7 49 4	11 9	36 3	10 16
13	St. James	7 50 4	10 9	34 3	46 17
14	St. Philip	7 51 4	9 7	35 4	19 18
15	St. Andrew	7 52 4	8 6	40 4	52 19
16	St. Thomas	7 53 4	7 5	43 5	29 20
17	St. Martin	7 54 4	6 10	49 6	10 21
18	St. Nicholas	7 55 4	5 11	54 6	53 22
19	St. John	7 56 4	4 12	59 7	42 23
20	St. Peter	7 57 4	3 13	59 8	34 24
21	St. James	7 58 4	2 13	58 9	31 25
22	St. Philip	7 59 4	1 13	57 10	34 26
23	St. Andrew	8 00 4	0 13	55 4	28 27
24	St. Thomas	8 01 4	0 13	55 5	42 0
25	St. Martin	8 02 4	0 13	54 6	36 1
26	St. Nicholas	8 03 4	0 13	53 7	32 2
27	St. John	8 04 4	0 13	52 8	43 3
28	St. Peter	8 05 4	0 13	51 9	27 4
29	St. James	8 06 4	0 13	50 10	22 5
30	St. Philip	8 07 4	0 13	49 11	17 6

High Water at London-Bridge in the morning.

1 day 8 hours 51 min. long	} decr.	7 hours 34 min.
11 day 8 hours 22 min. long		8 hours 4 min.
21 day 7 hours 56 min. long		8 hours 30 min.

Kalends	Watch	noon wst
Nones	too fast	
Ides		

		OBSERVATIONS.	
Kalendae	15 25	<p>When the celestial bodies angle the terrestrial are quickly influenced with their mutick, the ☉ and ♀ are in m and squared by 3, there appears not that harmony in the Council or Senate as might be wished; nor are the fancies and dispositions of some people so well composed and united as (without any just cause) they might or ought to be. However Honour is now or near this time conferred upon a very deserving Person, either Clergy-man or Lawyer, or some Patriots graciously rewarded with Preferment.</p> <p>Mercury is fallen retrograde, and Mars, hath entred the Virgin, being 8 near the Lions-Tail, and there meets with a square of Mercury, upon which follows clandestine whisperings very pernicious to states and kingdoms, as also to private Families.</p>	
non.	15 17		
vi	15 8		
prid. non.	14 58		
Nonis	14 47		
Id.	14 33		
vi	14 23		
v	14 16		
iv	13 56		
iii	13 41		
prid. Id.	13 25		
Idus	13 8		
kal.	12 51		
viii	12 33		
vii	12 2		
vi	11 55		
v	11 35		
iv	11 14		
iii	10 53		
ii	10 31		
i	10 8		
x	9 44		
ix	9 20		
viii	8 51		
vii	8 30		
vi	8 4		
v	7 38		
iv	7 12		
iii	6 45		
prid. kal.	6 17		



# December hath xxxi. days.

First Quarter the 2 day 28 min past Midnight.

Full Moon the 10 day 6 min past Noon.

Last Quarter the 18 day at 5 at Night.

New Moon the 25 day 13 min. past 7 at Night.

M.D.	W.D.	Remark days.	☉ rises	☉ sets	☾ sets	H	M	H
1	F	Advent Sunday	8 10 3	59	10 A 45	5	41	6
2	T	Various and	8 10 3	50	12 4	6	31	6
3	W	uncertain	8 11 3	49	0 M 4	7	26	7
4	T	warmer	8 11 3	49	1 18	8	26	8
5	F	Sometimes	8 12 3	48	2 36	9	31	10
6	S	frosty and	8 12 3	48	3 48	10	26	11
7	S	sharp Air.	8 12 3	48	4 58	11	41	
8	F	2 in Advent.	8 12 3	47	6 5	0	12	0
9	T	a Remission	8 12 3	47	7 9	1	11	1
10	W	of cold.	8 12 3	47	☾ rises 2	1		
11	T		8 12 3	47	5 A 9	2	43	2
12	F	soft changing	8 12 3	47	6 15	3	17	3
13	S	clouds.	8 12 3	47	7 19	4	48	4
14	T	cold winds.	8 12 3	47	8 24	4	17	4
15	F	3 in Advent.	8 12 3	48	9 29	4	48	5
16	S	inclined to	8 12 3	48	10 34	5	20	6
17	T	Snow.	8 12 3	48	11 40	5	57	7
18	W	Ember Week.	8 11 3	49	12 46	6	39	8
19	T		8 11 3	49	0 M 46	7	28	9
20	F	a more serene.	8 10 3	50	1 56	8	25	10
21	S	St. Thomas.	8 10 3	50	3 8	9	29	10
22	F	4 in Advent.	8 9 3	51	4 17	10	41	11
23	S	and pleasant	8 8 3	52	5 26	11	53	
24	T	Air.	8 7 3	52	6 34	0	28	1
25	W	Natus J. H. S.	8 7 3	53	☾ sets 1	36		
26	T	St. Stephen.	8 6 3	54	5 A 22	2	31	2
27	F	St. John.	8 6 3	54	6 47	3	17	3
28	S	Innocents.	8 5 3	55	8 11	3	54	4
29	T	Towards the	8 4 3	56	9 33	4	29	4
30	W	end frosty.	8 3 3	57	10 52	5	8	5
31	T		8 2 3	58	12 11	5	31	6

Jul. Acc. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

December, 1695.

1 day 7 hours 40 min. long } 8 hours 46 min.  
 11 day 7 hours 34 min. long } dect. } 8 hours 52 min.  
 21 day 7 hours 40 min. long } incr. } 0 hours 6 min.

Jul. Acc. Rom. Acc. Kalends, Nones, and Ides, Watch

1	B	Kalends	5	49
2	iv	no.	5	20
3	iii		4	51
4	ii	prid. non.	4	23
5	xv	Nones	3	54
6	xiiii	Id.	3	25
7	xiii		2	55
8	xii		2	25
9	xi		1	55
10	x		1	25
11	ix		0	56
12	viii	prid. Id.	0	26
13	vii	Idus	0	54
14	vi	kal.	0	34
15	v		1	04
16	iiii		1	34
17	iii		2	04
18	ii		2	33
19	xi		3	02
20	x		3	34
21	ix		4	00
22	viii		4	28
23	vii		4	56
24	vi		5	23
25	v		5	50
26	iiii		6	17
27	iii		6	44
28	ii		7	10
29	xi		7	36
30	x		8	00
31	ix	prid. kal.	8	24

# OBSERVATIONS

THE Year draws towards an end; would to God that all Murmurings, Repinings and Discontents among men might do the same, that we might once more be a happy People, that we may shew an endeared affection and true Loyalty to our Sovereign.

That we may have our hearts enlarged one towards another, and towards thee our God, who art the God of all our mercies, thou whose name is powerful and arm strong and mighty, which sittest on the Clouds, and spannest the Heavens, whose power is invincible, whose dominion is without end, to the high and mighty One, be all praise all glory, both now and for evermore. Amen.

## Collar days and Offering days.

### Offering days for the Lord Chamberlain.

New years day, Jan. 1.	Lady day, March 25.
Twelfth day, Jan. 6.	Ascension day, May 2.
Gold, Myrrh and Frankincense.	Trinity Sunday, May 19.
Candlemas day, Feb. 2.	St. John Baptist, June 24.
	St. Michael Archangel, Sep. 29.

### Offering days for the Lord Steward.

Christmas day, Dec. 25.	Whitsunday, May 11.
Easter day, March 24.	All Saints, Nov. 1.

### Collar days without Offering.

#### The Holy days and Sundays in the Twelve days.

Feb. 13, their Majesties AC- cession to the Crown	June 29, St. Peter
Feb. 24, St. Matthias	July 25, St. James
Holy days in Easter week	Aug. 24, St. Bartholomew
Apr. 11, their Majesties Co- ronation	Sept. 21, St. Matthew
Apr. 23, St. George	Oct. 18, St. Luke
Apr. 25, St. Mark	Oct. 28, St. Simon & Jude
Apr. 30, Queens Birth-day	Nov. 4, King's Birth day
May 1, St. Philip & Jacob.	Nov. 5, Powder Treason.
Holy days in Whitsun week.	Nov. 30 St. Andrew
	Dec. 21, St. Thomas.

## The EXPLANATION of the *Almanack.*

IN the preceding Almanack is Two Pages to every month as may be seen by inspection; the left hand page is most general and useful; the right hand to divert and please the ingenious and particular Persons, it being not in all respects adapted to every capacity.

I. In the first Column of the left hand page, is the days of the Month.

II. In the second Column is the Week-days, distinguished by figures, it being the only and proper Method, in regard those distinguished by Letters change their places every year; consequently not half so ready for use.

III. In the third Column you have all the Saints-days that are observed in the Church of *England*, with Meteorological Observations.

IV. The fourth contains the time of Sun Rising.

V. The fifth shews the time of Sun Setting.

VI. The sixth Column is very plain, and shews the time of High Water every morning at *London-Bridge*.

VII. The seventh shews what Time it is High Water in the afternoon.

And all this in so facile and easy a manner that nothing can be plainer; for looking on any day whatever, and guiding your eye in a strait line towards the right hand, and in its proper Column is readily shewn you what you seek after.

*To make the Table of Tydes more useful.*

To the given time of High Water at *London-Bridge*, add the hours and minutes that are prefix'd against any of the following places; so have you the time of High Water at these several places.

## The Almanack Explained.

Adding,		b.
For Tinnmouth Haven, Hartlepool, and Amsterdam—	0	3
Brest ---	1	
Scilly ---	1	
Mounts-Bay ---	1	
Bridlington, Peer and Humber ---	2	
Fewer, Loo and Plymouth ---	3	
Dartmouth, Harborough, and Hull ---	3	
Torbay and Tinnmouth ---	3	
Exmouth, Topsam, and Lyme ---	3	
Weymouth ---	4	
Bridgewater and Texel ---	4	
Portland, Hareflew, and without the Ulie ---	5	

Also subtract from the time of the Tydes at London, shall you have the time of High-Water at these following places.

Subtract		b.
For Leigh, Maes, and Gouries-Gut ---	0	1
Gravesend, Rochester, Rammekins ---	1	
Buoy of the Nore and Flushing ---	1	
Shore Beacem, Fortsmouth, Red Sand and Ostend ---	2	
Spithead, Harwich, Dover, Calice ---	3	
Orfordness, Gunfleer, Hastings, Shoreham, Diep ---	4	
Needles and Yarmouth Peer ---	4	
S. Helens and Havor de Grace ---	5	

But note, that in such of these places as lie open to the Sea and where no great Rivers are, the Quarter Moon High Waters hold out longer than the time shewed by this Reduction, near half an hour.

As also that, when by reason of long Draughts in summer, or continual hard Frosts in winter, the Fresh waters are low, or when the wind blows hard at N. or N. W. the Tydes may hold up longer in the River of Thames than the times shewed in the Almanack, but when the wind is strong at W. or W. by S. or there are great Freshes, they hold not out so long, but the difference is seldom above an hour.



## The Almanack Explained.

### The Right Hand Pages EXPLAINED.

I. IN the Column of the right hand pages is the days of the month according to our *English* or *old Julian Account*.

II. The second Column contains the *Roman* or *Gregorian Account*, or the Account used beyond Sea, which is always 10 days before ours, with their Sunday Letter. The cause of this difference between the *Roman Account* and ours was by the appointment of Pope Gregory XIII. and tho the *Roman account* be not so true as might be wished, yet is so much truer than ours, and a little more time will make a greater difference; for in the *Julian Account* the year continually runs out, and we lose the proper times of the holy Feasts of the Church from what they were first appointed; which the said Pope taking notice of, in the year 1582. caused 10 days to be omitted in the month of *October*, and call'd the 5. the 15. to bring the Paschal Solemnity, and the Equinoxes, and Solstices to their seats they were in at the time of the *Nicene Council* in the year 324. For the Equinox was then on the 21 of *March*.

Now the *Julian year* constituted by *Julius Cesar*, from whence it hath its Name; contains 365 days, 5 h. 49 m. 59 sec. 38 thirds, which is most generally confirmed by the most accurate Observations; by which we exceed the true year 10 min. 59 seconds, 38 thirds; by which error, if Authority be not pleased to rectify it by a Law, we shall, in process of time, keep our Christmas in the Spring of the year.

III. The the third Column contains the old *Latin, Roman* or *Pagan Kalendar*. You must know, that the old *Romans* reckoned by *Kalends, Nones* and *Ides*, and that there was three days in every month so call'd which gave denomination to all the rest.

The *Kalends* be the first days of every month, from which days are accounted backwards, calling the next day in this

## The Almanack Explained.

regression *Pridie Kalendas*, as the last of April is *Pridie Kalendas Majus*, or they were call'd *Kalends* or *Calends* as it were *Colenda*, because in old time they were used to sanctifie the first day of every month in honor of *Juno*.

Or they be call'd *Kalends* of *Kalo*, which is *voco* to call because the first day of every month, the *Pontifex Maximus* standing in an eminent place of the City, did make five calls or more, according to the number of days that the Fairs call'd *Nundinae* should endure, and therefore in the plural number they be call'd *Calenda*, as it were *Calls*.

The *Nones* be certain days placed in every month, whereof the most hath but 6, and the least 4; they begin at the *Ides* and end at the *Kalends*; they take their Name (as some say) of *Non*, because during that time the Romans sanctified no day to their God; as may appear by *Ovid*,

*Nonarum, Tutela Deo caret, &c.*

Or they might be called *Nove* by reason of the Renovation of their Images every month; or they are called *Nones* of *Nundinis*, which is Fairs or Markets, because the number of *Nones* limited the duration thereof in every month.

*Ides* so called, *quia Iduant Mensē*, because they divide the month into two parts, and are a number of 8 days, upon this day the Full Moon appear'd: Also Sheep were offered up unto *Jupiter* upon the *Ides* of every month.

If you take the number of the *Nones* and *Ides* that are in a month and add them together, subtracting the whole from the number of days that are in that month, then is the remainder the number of *Kalends* that is in that month. And as the *Pridie Kalendas*, so there is *Pridie Nonas* and *Pridie Idus*, as I was saying before, are accounted backwards; as the *January* is the 4 of the *Nones* of *January*; the 8 of *January* is the 6 of the *Ides* of *January*; but the 10 of *January* is the 13 of the *Kalends* of *February*, taking its name from the succeeding month; or is to be understood that the 13th of *January* is the 1 of *February*, or the day when the *Pluviosus* is to be expected.

## The Almanack Explained.

Thus far *Hopton* gives us an account, which I have accepted of for the present being straitned for time, so that I cannot at present consult other Authors; but if it please God another year I will be more particular, not only in this but also give a short Narrative of the uncertain length of the Roman years before *Julius Caesar*, time with the Intercalary day, and endeavour to determine that point so often controverted; whereby the Almanacks may agree on one certain day for to fix the Feast of *S. Matthias* on, whether the 24 or 25 of February, which was left dubious the last Leap-year.

These *Kalends* were so proper to the Romans, the [Greeks had none] that *Augustus Caesar* when he purposed never to do what was requested, was wont to say by way of Proverb, he would do it, *ad Calendas Græcas*, at the Greek *Kalends*; as we say, at latter *Lammas*, or never, because such a time would never come.

## Advertisement.

### True Spectacles.

THE extraordinary Method of making Spectacles on Brass Tools, now used by *J. Yarwell*, viewed by the Royal Society, and approved of by the Company of Spectacle Makers London, and acknowledged by the best skill'd in Opticks, to be ground to a true Convex, and to the greatest perfection, that is possible to be performed by Art, with all other sorts of Glasses, as Telescopes of all lengths fitted for day and night, Perspectives great and small; with Eye-glasses, for any kind of weather. Microscopes single and double, after the newest and most convenient way for the Pocket, Magnifying, Multiplying and Weather-glasses, Triangular Prisms, Concave Metals, and Concave Looking-glasses of all Diameters, Speaking Trumpets, and Reading Glasses of all sizes, with all other sorts of Glasses both Concave and Convex, after the latest and most useful Inventions.

All the aforementioned Instruments are made and sold at the *Archimedes* and Three Golden Prospects in *S. Paul's Church-yard*, London, by *John Yarwell*.

Of the Equation of Time and its Use. How to regulate  
a true made Pendulum Clock or Watch, shewing what  
it ought to differ from a true Sun-Dial.

I have formerly given a short discourse concerning the  
right managing of a Clock or Watch, shewing when and  
what it ought to differ from a true Sun-Dial; it being  
a thing very desirous and useful to several Gentlemen and o-  
thers that are delighted with these pleasant Speculations  
and being this may come into the hands of those that do  
not see it before, I think it necessary to continue it.

In the fourth Column of the Observation Page is the E-  
quation of Time in Minutes and Seconds, as the Title *Watch*  
*too fast* or *Watch too slow* in every Page signifies; which  
adjusted to every day in the year and its excellent Use  
as followeth.

Notwithstanding all Persons conclude, that the Sun, by  
his Motion, shews the Apparent time of the day, which is  
true; and that a South Sun always makes Noon or twelve  
o'clock, yet this Southing of the Sun, or space of time from  
Noon to another is not equal but longer or shorter according  
to the Suns Position in his Ellipses; so that it is impossible for  
any Clock or Movement whatever to keep time therewith.  
For this reason many Persons that are furnish'd with excellent  
Movements very often blame the Artist that was the Maker  
when the Errors lie where they are not capable of discern-  
ing; for if a Clock truly rectified by the Sun be kept going  
a Year, and at the Years end agree exactly again with the  
Sun, yet in the interim it would be found at several times  
to deviate considerably, and be sometimes too fast at other  
times too slow. The reason of this difference is, the Clock  
measures time equally, but the Sun unequally. The Quan-  
ty of this difference is, as before exprest, which I will now  
further exemplifie thus.

Admit on the first of February I would set a Clock to shew  
the equal time of the day; I look in the Column against Fe-  
bruary the first and there I find 14 minutes 49 seconds

## Of the Equation of Time, &c.

with the Title *Watch too fast*, which informs me that I must set my *Clock* so much faster than the time given by the *Sun-dial*, and so being kept going, it will by the first of *March* be but 10 minutes too fast, and on *April* the fourth the *Clock* and *Sun* would agree together exactly. Afterwards the *Clock* would begin to be slower than the *Sun*, as is noted in the *Column* aforesaid.

Thus by knowing the *equal time*, you may at any time, by the help of this *Table*, know the *true* or *apparent*: for look against the day of the *Month* and find the *Equation*, which if it be *Watch too fast*, then subtract that day's *Equation* from the time given by the *Clock*, and it will be the *apparent time*: and if it be *Watch too slow*, then contrarily add the *Equation* to the time noted by the *Clock*, and you have your desire.

But in the right managing of *Clock* or *Watch*, it ought always to be examined by the same *Sun-dial* it was set by, and at or near the same hour too, for there is often difference in *Sun-dials*; and withal not to set the *Clock* by the *Sun* early in the *Morning* or late in the *Afternoon*, for then the *Shadow on the Dial* is not the true time of the day, in regard the *Sun* hath then considerable *Refraction*, which makes it appear higher in *Altitude* than really it is, and the nearer the *Horizon* the greater; so that the time given by the *Sun* is later in the *Morning* than truth, and the contrary in the *Afternoon*. Therefore to observe the true time of the day, let it be always near *Noon*, if it be a *South* or *Horizontal Dial* that you make use of; but if it be a *Quadrant* or other *Instrument*, it ought to be done with great nicety, in regard the *Sun*, between the hours of *Eleven*, *Twelve* and *One* differs but few degrees in *Altitude*.



A Table of the exact time of the Moons coming to South  
 hours and minutes every day for the first six Months  
 this Year, 1695. very useful to find the hour and minutes  
 the Night by Moonshine.

Day	Jan.		Febr.		March		April		May		June	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	8	M. 8	9	M. 56	8	M. 45	10	M. 12	10	M. 34	11	M. 41
2	9	9	10	53	9	39	11	0	11	24	0	A. 10
3	10	12	11	46	10	31	11	49	0	A. 16	1	19
4	11	15	0	A. 40	11	23	0	A. 41	1	8	2	10
5	0	A. 18	1	31	0	A. 13	1	31	1	58	3	0
6	1	17	2	19	1	3	2	22	2	48	3	43
7	2	9	3	8	1	51	3	13	3	36	4	25
8	2	57	5	57	2	40	4	3	4	22	5	1
9	3	45	4	46	3	32	4	53	5	7	5	40
10	4	32	5	34	4	22	5	40	5	50	6	30
11	5	19	6	24	5	12	6	25	6	32	7	19
12	6	6	7	14	6	2	7	8	7	14	8	11
13	6	54	8	3	6	51	7	52	7	58	9	0
14	7	42	8	36	7	37	8	37	8	45	10	0
15	8	30	9	36	8	23	9	21	9	36	11	9
16	9	19	10	23	9	8	10	8	10	30	M.	10
17	10	8	11	6	9	51	10	58	11	30	0	11
18	10	54	11	50	10	36	11	51	M.		1	14
19	11	40	M.		11	22	M.		0	31	2	13
20	M.		0	35	M.		0	48	1	35	3	7
21	0	25	1	21	0	10	1	47	2	36	3	59
22	1	8	2	9	1	1	2	48	3	36	4	47
23	1	51	2	59	1	55	3	50	4	31	5	35
24	2	36	3	52	2	52	4	49	5	21	6	20
25	3	21	4	49	3	50	5	44	6	9	7	11
26	4	9	5	48	4	50	6	36	6	57	7	59
27	4	59	6	48	5	51	7	27	7	42	8	40
28	5	52	7	48	6	50	8	14	8	29	9	30
29	6	50			7	43	8	59	9	18	10	20
30	7	51			8	33	9	46	10	7	11	10
31	8	53			9	22			10	57		

A Table of the exact time of the Moon's coming to South in hours and minutes, every day for the last six Months of this Year 1695. very useful for the purposes aforesaid, where note that M stands for morning and A for afternoon.

	July	August	Septemb.	October	Novemb.	Decemb.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	0A. 7	1A. 0	2A. 4	2A. 43	4A. 30	4A. 55
2	0 53	1 40	2 51	3 39	5 25	5 43
3	1 36	2 24	3 43	4 38	6 18	6 33
4	2 18	3 10	4 38	5 37	7 8	7 21
5	3 0	3 57	5 36	6 33	7 57	8 31
6	3 41	4 46	6 34	7 27	8 46	8 55
7	4 24	5 39	7 33	8 20	9 35	9 50
8	5 9	6 35	8 31	9 13	10 27	10 42
9	5 58	7 36	9 26	10 3	11 8	11 33
10	6 50	8 37	10 18	10 52	M.	M.
11	7 46	9 37	11 9	11 44	0 8	0 23
12	8 46	10 36	M.	M.	1 1	1 11
13	9 48	11 33	0 4	0 36	1 14	1 57
14	10 51	M.	0 57	1 30	2 44	2 41
15	11 51	0 27	1 49	2 22	3 31	3 25
16	M.	1 19	2 41	3 14	4 16	4 6
17	0 48	2 10	3 35	4 5	5 0	4 46
18	1 43	3 0	4 27	4 55	5 41	5 28
19	2 35	3 51	5 19	5 42	6 22	6 11
20	3 27	4 45	6 7	6 26	7 3	6 56
21	4 16	5 37	6 55	7 8	7 46	7 45
22	5 5	6 28	7 41	7 50	8 33	8 38
23	5 54	7 17	8 26	8 33	9 21	9 34
24	6 44	8 6	9 8	9 16	10 12	10 35
25	7 34	8 52	9 50	10 2	11 8	11 37
26	8 24	9 38	10 34	10 49	0A. 10	0A. 40
27	9 14	10 21	11 19	11 39	1 12	1 39
28	10 2	11 4	0A. 7	0A. 35	2 12	2 31
29	10 48	11 47	0 56	1 34	3 10	3 25
30	11 32	0A. 30	1 48	2 33	4 4	4 16
31	0A. 16	1 15		3 34		5 5

*How, by the former Table to know the Hour and Minute of the Night by Moonshine on a Sun-dial.*

**T**HE sixteenth of *January* this year I find the Moon's Southing in the former Table at 9h. 19m. Afternoon and admit I see her shadow upon a Sun-dial, just upon 11 o'Clock, that is, 1 hour before her coming to South; therefore from 9 hours 19 minutes subtract 1 hour and there remains 8 hours 19 minutes, the time of the night desired: but if I had seen her shadow on 2 hours of the Afternoon side, then I must have added two hours to the time of her Southing, and then it is 11 hours 19 minutes, the time of the night the said 16 of *January*.

*Note*, that if the said shadow fall precisely on the hour of 12, then the time of the Moon's Southing is the exact time of the Night.

But to find the time of the night more exactly do thus.

I. If the shadow fall on any time afore noon of the Dial subtract that time from 12 hours, and keep the Remainder; also subtract the next afore given Southing from that of the present night, in which you observe the shadow noting the difference.

Then say by proportion, as 24 hours are to the difference of the Southing, so is the first found Remainder to the proportional minutes, which minutes added to the first found Remainder, and the sum subtracted from the Southing of the present night, there will remain the true time of the Night.

II. If the shadow falleth on any time afternoon of the Dial then subtract the given Southing of the present Night from that which next followeth, taking the Remainder.

Then say, as 24 hours are to the difference of the Southing, so is the time of the shadow to the proportional minutes, which together with the shadow added to the Southing of the present Night, the sum is the just time of the same night.

*To find the Hour of the Night by Moonshine.*

*E X A M P L E S.*

I. Admit, as before, that the Moon casts her shadow on eleven of the Clock *January* 16, the difference from twelve is 1 hour; the Moon's Southing the same night is at 9h. 19m. and the foregoing Southing at 8h. 30m. which subtracted from 9h. 19m. the difference is 49m.

Therefore I say, as 24h. is to 49m, so is 11h. to 22m. then the sum of 1h. 22m. subtracted from 9h. 19m. there will remain the sum of 7h. 57m. the true time of the Night.

II. Suppose that in the abovementioned night the shadow falleth on 3h. 15m. after noon; the Southing for the said night is at 9h. 19m. and the night following at 10h. 8m. the difference is 9m.

Therefore, as 24h. is to 49m. so is 3h. 15m. to 7m. which 7m. and 3h. 15m. and the time of the Moon's Southing, being all added together, gives the true time of the Night to be 11m. past Midnight.

*Of the Eclipses of the Year, 1695.*

Here are four Eclipses this year, as I received them from my kind Friend, two of each Luminary, in the order following,

I. There will be an Eclipse of the Moon on *May* 18. about Noon, and consequently invisible to *Europe*; but the beginning thereof may be seen in all our *American* Plantations, and the end, in the rising Moon, in *China* and the Eastern parts of *Asia*. The defect will be five digits and an half on the eastern part of the Moon, and in respect of the meridian of *London*, the beginning will be four minutes before ten in the Evening, and the end will be 18 minutes afternoon.

II. Is of the *Sun* on the first of *June* in the Evening: it will not be visible at *London*, and falls wholly in the South

*America*

Of the Eclipses this Year 1695.

*America.* The Central shadow enters on the disk of the sun in the middle of the great *Mar del Zur* in the latitude of 30 degrees South, and from thence trends northwards entering the Coast of *Peru*, about the latitude of 8 degrees South, which Parallel it continues a great space, till afterwards turning into the South-east, it passes into the *Ethiopic* Ocean leaving *Brazil* about *Cape Frio*, and from thence it leaves the Earth, 25 degrees to the West of *London* in the latitude of 30 degrees South. The partile shadow reaches over the whole of *Magellanica*, and the South parts of the kingdom of *Mexico*, and in the English Plantations between the Equinoctial and Tropic, it will be more or less to be seen on the South side of the noon Sun.

III. The Moon will be again eclipsed Nov. 10. visible at *London* from beginning to end, and so all over *Europe*, *Africa*, and *Africa*, excepting only the West parts of *Barbary* and *Guiney* about *Cape Verde*, where yet the greater part may be seen. It will be scarce more than 5 digits and an half on the South side of the Moon. At *London* it will begin 4 minutes before 6, and end at 8 hours 28 degrees P. M.

IV. The last is of the Sun Nov. 26. *mane*, not visible at *London*, but in the parallel thereof, no more than half an hour to the East of us, the Sun rises in the moment of the end of the Eclipse. Through all *Germany* and *Italy* the Sun rises eclipsed, and the total shadow enters on the Earth about the Coast of *Dalmatia* in the *Adriatick* Sea; thence traversing *Greece*, *Anatolia*, *Syria*, *Arabia*, and the South parts of *Persia*, it will be total in the Meridian, in 24 degrees of North latitude, and 66 degrees of East longitude from *London*. Hence proceeding over all *India* and the middle of *China*, the total shadow leaves the Earth about the City of *Peking*, the Sun there setting wholly eclipsed.



A Table, whereby knowing the Price of the Pound, you may know the Price of the Hundred weight: the use whereof is this; for look in the Column under 1 Pound weight, and in the next Column to the Right Hand is the Price of the Hundred Weight.

1 Pd.w.					1 Hund.w.					1 Pd.w.					1 Hund.w.					1 Pd.w.					1 Hund.w.				
d.	q.	l.	s.	d.	d.	q.	l.	s.	d.	d.	q.	l.	s.	d.	d.	q.	l.	s.	d.	d.	q.	l.	s.	d.	d.	q.	l.	s.	d.
0	1	0	2	4	8	1	3	17	0	6	1	7	11	8	16	1	7	11	8	16	2	7	14	0	16	2	7	14	0
0	2	0	4	8	8	2	3	19	4	16	2	7	14	0	16	3	7	16	4	17	0	7	18	8	17	1	8	1	0
0	3	0	7	0	9	0	4	4	0	17	0	7	18	8	17	1	8	1	0	17	2	8	3	4	17	3	8	3	8
1	0	0	9	4	9	1	4	6	4	17	1	8	1	0	18	0	8	8	0	18	1	8	10	4	18	2	8	12	8
1	1	0	11	8	9	2	4	8	8	18	2	8	12	8	18	3	8	15	0	19	0	8	17	4	19	1	8	19	8
1	2	0	14	0	9	3	4	11	0	18	3	8	15	0	19	1	8	19	8	19	2	9	0	0	19	3	9	4	4
1	3	0	16	4	10	0	4	13	4	19	0	8	17	4	20	0	9	6	8	20	1	9	9	0	20	2	9	11	4
2	0	0	18	8	10	1	4	15	8	20	1	9	9	0	20	2	9	11	4	21	0	9	16	8	21	1	9	18	4
2	1	1	1	0	10	2	4	18	0	21	0	9	16	8	21	1	9	18	4	21	2	10	0	8	21	3	10	3	0
2	2	1	3	4	10	3	5	0	4	21	2	9	0	0	22	0	10	3	0	22	1	10	7	8	22	2	10	10	0
2	3	1	5	8	11	0	5	2	8	22	0	10	3	0	22	3	10	12	4	23	0	10	14	8	23	1	0	17	0
3	0	1	8	0	11	1	5	5	0	22	1	10	14	8	23	2	10	16	8	23	3	11	1	8	24	0	11	4	0
3	1	1	10	4	11	2	5	7	4	23	2	10	16	8	24	0	11	4	0	24	0	11	4	0	24	1	11	7	8
3	2	1	12	8	12	0	5	9	8	24	1	11	7	8	24	2	11	9	2	25	0	11	11	2	25	1	12	12	4
3	3	1	15	0	12	1	5	12	0	25	0	11	11	2	25	3	12	15	6	26	0	12	15	6	26	1	13	18	0
4	0	1	17	4	12	2	5	14	4	26	0	12	15	6	26	2	12	18	0	27	0	12	18	0	27	3	14	21	4
4	1	1	19	8	12	3	5	16	8	27	0	12	18	0	27	3	14	21	4	28	0	13	21	4	28	1	15	24	8
4	2	2	2	0	13	0	6	1	4	28	1	13	21	4	28	4	15	24	8	29	0	13	24	8	29	1	16	27	2
4	3	2	4	4	13	1	6	3	8	29	1	13	24	8	29	2	16	27	2	30	0	14	27	2	30	3	17	30	6
5	0	2	6	8	13	2	6	6	0	30	0	14	27	2	30	4	17	30	6	31	0	14	30	6	31	1	18	33	0
5	1	2	9	0	13	3	6	8	4	31	0	14	30	6	31	2	18	33	0	32	0	15	33	0	32	3	19	36	4
5	2	2	11	4	14	0	6	10	8	32	0	15	33	0	32	4	19	36	4	33	0	15	36	4	33	1	20	39	8
5	3	2	13	8	14	1	6	13	0	33	1	15	36	4	33	2	20	39	8	34	0	16	39	8	34	3	21	42	2
6	0	2	16	0	14	2	6	15	4	34	0	16	42	2	34	4	21	42	2	35	0	16	42	2	35	1	22	45	6
6	1	2	18	4	15	0	7	0	0	35	0	16	45	6	35	2	22	45	6	36	0	17	45	6	36	3	23	48	0
6	2	3	0	8	15	1	7	2	4	36	0	17	48	0	36	4	23	48	0	37	0	17	48	0	37	1	24	51	4
6	3	3	3	0	16	2	7	4	8	37	0	17	51	4	37	2	24	51	4	38	0	18	51	4	38	3	25	54	8
7	0	3	5	4	16	3	7	7	0	38	0	18	54	8	38	4	25	54	8	39	0	18	54	8	39	1	26	57	2
7	1	3	7	8	17	0	7	9	4	39	0	18	57	2	39	2	26	57	2	40	0	19	57	2	40	3	27	60	6
7	2	3	10	0	17	1	7	11	8	40	0	19	60	6	40	4	27	60	6	41	0	19	60	6	41	1	28	63	0
7	3	3	12	4	18	2	7	14	0	41	0	19	63	0	41	2	28	63	0	42	0	20	63	0	42	3	29	66	4
8	0	3	14	8	18	3	7	16	4	42	0	20	66	4	42	4	29	66	4	43	0	20	66	4	43	1	30	69	8

# ADVERTISEMENTS

Being an Account of several  
Choice and Curious Preparations.

Made by the Author at his House at the *Blue* and *Star* near the Square in *Salisbury Court* near *Fleetstreet*.

**S**pirits of *Scurvey-grass*, both Plain and Purging, prepared according to Art and Nature, whereby the most excellent *Balsamick Spirit* is preserved with its true Colour, Smell and Taste; the herb being gathered under its Planetary Influence, which renders it not only agreeable to Nature, but more efficacious in the cure of Diseases, viz. *Scurvey*, *Dropsy*, *Gout*, *Stone*, or *Gravel* in the *Reins* or *Bladder*, and purifies the whole mass of *Blood*.

**II.** His *Health-Procuring and Preserving Pill*, being of so rare a Composition that it is esteemed one of the safest and most pleasant Purgers in the world; being adapted to operate kindly on all offending Humours and Diseases that shorten the Life of Man. It reaches the Head and all other parts of the body. It cures *Meagrim*s, *Dizziness*, and all Obstructions in the head, it cures the *Scurvy*, it cleanses the *Reins*, heals *Ulcers* in the *Bladder*, *Kidneys* or *VVomb*, restores the Complexion lost by the *Green-sickness*, it is of singular use for those that frequent the *Waters* of *Epsom*, *Tunbridge*, &c. it is prevalent against the *Dropsy*, *Rheumatisms*, and other *Chronic Distempers*, it is a fit Medicine for Sea or Land, for it will retain its Virutes many years.

**III.** His *Elixir Salutis*, or *Cordial-Drink* of *Health*, which is pleasant on the Palate, and may be used by those that cannot take Pills, and is proper for the same Diseases in the *Pectoral*, and prevails after an eminent manner against Diseases of the *Lungs*, as *Coughs*, *Colds*, *Asthma's*, *Obstructions*

## ADVERTISEMENT.

*the Lungs, Shortness of breath, and Difficulty of breathing,* it is an excellent Remedy for the *Gripping of the Guts*, carrying off the cold, acid, viscous Humours sticking to the *Tu-  
ricles* of the Guts and causing those Diseases; it is a precious Jewel for all Persons to keep by them on all occasions, and doth not lose its Virtues, but grows the better for keeping.

IV. His *Cordial Diurtick and Sudorifick Pill*, being a most incomparable Medicine where there is a necessity of Sweating, evacuating through the Pores of the skin and by *U-  
rine* all impurities of the Blood. This Pill, if taken upon the first Invasion of any Illness; strengthens Nature to overcome most Diseases, and prevent long and dangerous fits of Sick-  
ness; this is a curious Remedy against all pains in the head, it easeth *Gripes* or the *Wind Colick*, it causeth comfortable Rest and Sleep, excellent in all *Coughs*, and *Defluxion of  
Rheum*, also in all *Consumptions*, restoring Nature after a wonderful manner, it is also greatly prevalent in *Surfesses*, and not to be neglected in *Malignant Fevers*.

V. He hath an *Infallible Remedy* for the *Black or Yellow Jaundice*, and doth undertake to cure it in 3 or 4 Mornings let it be never so desperate.

VI. Likewise a most excellent *Vermatick Water* or *Worm destroying Liquor*, which is of great Efficacy in destroying and bringing away all sorts of Worms, as well in elderly Persons as Children, and is not nauseous to take. This Medicine effectually and safely brings them away dead or alive or in *lime*, correcting and expelling the very matter that breeds them resisting Putrefaction, and sweetening the humours in the Stomach or Bowels, procuring a fresh healthful habit of body.

VII. His *Pills against the Pox*, prepared only for the cure of *Claps*, *French Disease*, or *Gonorrhœa*; being wonderfully prevalent in those Diseases, for they infallibly prevent the *sinking of the Nose* or *losing the Palate*, tho in never so great danger; they operate so curiously that they clear the body of that venomous Disease.

VIII. He hath a most *Delicate Liquor* for *easing the tor-  
menting*

# ADVERTISEMENT.

menting Pains of the Gout, and that so safe and innocent a Child may use it.

IX. A most Excellent Eye Water, being wonderful efficacious against all Soreness and Inflammations of the Eyes coming from what cause soever, which many have found benefit of, therefore published that all those that are afflicted may know where to repair for relief.

X. A Specifick Lozenge, admirable, as hath been often experienced in the Cure of Colds, Coughs, Catarrhs, &c. a great Antidote against Malignant Air, Unwholsome Food.

And Lastly, as I am a Professor of Astrology, I undertake not only to perform all the Parts thereof, but to teach the same to any who desire to understand it; also to Calculate the Planets places to any time, either past, present, or to come with the use of the Globes, and other pleasant Novelties.

I. In the Horary part of Astrology, shewing how to resolve all manner of Questions, as Life whether long or short, happy or unhappy, rich or poor; if good to follow the advice of a Friend; if good to go a Journey; whether a Woman with Child or ever shall have Children; Servants whether honest or not; what kind of Person one shall marry; if the Party desired and when; whether the Sweet-heart's Portion be great or small; Money owing if recoverable or not; who at Law who shall overcome; a pretended friend whether true or not. And in short, all other lawful Demands whose solution depends on this noble Science.

II. The Genethliacal Part, shewing how to rectify and direct a Nativity, with several Varieties therein not known to the common Professors, according to the exactest way extant; wherein is shewed all the eminent things which shall happen to any Native during the whole course of their Life.

**A**N EPHEMERIS of the Celestial Motions, both Heliocentrick and Geocentrick, for this Year 1692. Tables of the Sun's true Declination from correct Observations, for the Years 1692, 1693, 1694, 1695, serving them of great use to all Mariners, Makers of Sun-dials, and others lighting in Mathematick Arts. a Table of Houses, with the Ascending and Oblique Ascension to every deg. of the Ecliptick, by which the Author is now in the press, and will be published by Christmas.